DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

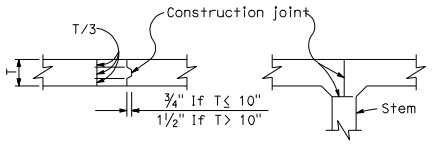
REGISTERED CIVIL ENGINEER

May 1, 2006

PLANS APPROVAL DATE

Madhwesh Raghavendrachar No. C51119 Exp. 9-30-07 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

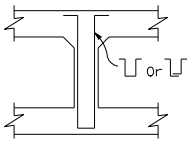
To get to the Caltrans web site, go to: http://www.dot.ca.gov



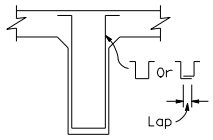
BRIDGE DETAIL 5-2
Top or bottom slab

BRIDGE DETAIL 5-3

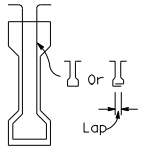
DECK CONSTRUCTION JOINTS



REINFORCED BOX GIRDER
Girder or diaphragm



T-BEAM
Girder, bent cap or diaphragm



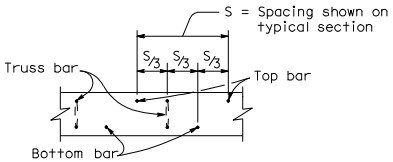
PRECAST GIRDER

Stirrup Size	Lap
#4	5"
#5	6"
#6	7½"
#7	9"
#8	10"

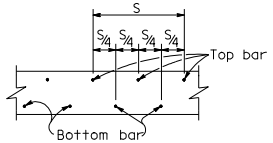
A reinforcement bar must be placed inside of each stirrup hook or 90° bend.

BRIDGE DETAIL 5-5

ALTERNATIVE STIRRUPS

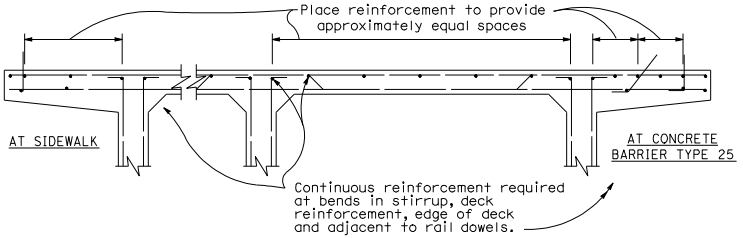


BRIDGE DETAIL 5-10



BRIDGE DETAIL 5-11

TRANSVERSE DECK REINFORCEMENT SPACING DIAGRAMS



BRIDGE DETAIL 5-15

TOP GIRDER REINFORCEMENT

NOTES:

The Contractor shall submit a deck placing schedule which will be subject to the approval of the Engineer. Unless shown otherwise on the plans, the following conditions shall be provided for:

1. Transverse joints will not be permitted in simple spans unless approved by the Engineer. For continuous spans, transverse joints may be located at about the ¼ point of span. If the deck is placed over continuous steel or precast concrete girders, the portion over the supports shall be placed last.
2. Longitudinal joints shall be located at the edge of a traffic lane unless otherwise permitted by the Engineer.
3. For decks supported on precast concrete girders, the intermediate and end diaphragms shall be placed at least five days before the deck.
4. For deck supported on structural steel, the crossframes for the entire width of bridge shall be in place.
5. Reinforcing steel shall be continuous thru all construction joints.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

BRIDGE DETAILS

NO SCALE

B0-5

8-8-05